

เอกสารอ้างอิง

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การคำนวณ

ภาคผนวก ก.

โปรแกรม CREATE

REL#	CRD#	SOURCE	STATEMENT
0001	000010	IDENTIFICATION	DIVISION.
0002	000020	PROGRAM-ID.	CREATE.
0003	000030	ENVIRONMENT	DIVISION.
0004	000040	CONFIGURATION	SECTION.
0005	000050	SOURCE-COMPUTER.	SYSTEM100.
0006	000060	OBJECT-COMPUTER.	SYSTEM100 CRT.
0007	000070	INPUT-OUTPUT	SECTION.
0008	000080	FILE-CONTROL.	
0009	000090	SELECT TELEXTRN	ASSIGN TO MSD
0010	000100		ORGANIZATION INDEXED
0011	000110		RECORD KEY TR-KEY
0012	000120		ACCESS MODE SEQUENTIAL.
0013	000130	SELECT RDT	ASSIGN TO MSD.
0014	000140	SELECT DEST-FILE	ASSIGN TO MSD
0015	000150		ORGANIZATION IS INDEXED
0016	000160		ACCESS MODE IS RANDOM
0017	000170		RECORD KEY IS DT-KEY.
0018	000180	SELECT TAB-FILE	ASSIGN TO MSD
0019	000190		ORGANIZATION IS INDEXED
0020	000200		RECORD KEY IS TB-KEY
0021	000210		ACCESS MODE IS RANDOM.
0022	000220	SELECT ROUTE-FILE	ASSIGN TO MSD
0023	000230		ORGANIZATION IS INDEXED
0024	000240		ACCESS MODE IS RANDOM
0025	000250		RECORD KEY IS RT-KEY.
0026	000260	DATA	DIVISION.
0027	000270	FILE	SECTION.
0028	000280	FD	ROUTE-FILE
0029	000290		LABEL RECORD IS STANDARD
0030	000300		BLOCK CONTAINS 8 RECORDS
0031	000310		VALUE OF IDENTIFICATION IS @ROUTE-FILE@.
0032	000320	01	ROUTE-REC.
0033	000330	02	RT-KEY.
0034	000340	03	RT-ROUTE PIC X(2).
0035	000350	02	RT-DEST PIC 9(4).
0036	000360	02	RT-LINE1 PIC 9(3).
0037	000370	02	RT-TRAF PIC 9(7).
0038	000380	02	FILLER PIC X(16).
0039	000390	FD	RDT
0040	000400		LABEL RECORD IS STANDARD
0041	000410		BLOCK CONTAINS 8 RECORDS
0042	000420		VALUE OF IDENTIFICATION IS @RDT@.
0043	000430	01	RDT-REC.
0044	000440	02	RD-DEST PIC 9(4).
0045	000450	02	RD-RTE PIC X(2).
0046	000460	02	RD-SRATE PIC 9999(4).
0047	000470	02	RD-TYPE2 PIC X(1).
0048	000480	02	RD-LINE2 PIC 9(3).
0049	000490	02	RD-CUR PIC 9(2).
0050	000500	02	F PIC X(14).
0051	000510	FD	TELEXTRN
0052	000520		LABEL RECORD IS STANDARD

PROGRAM: CREATE REV. 0018 DATE: 11/05/82 TIME: 10:2
VOLUME NAME = 001 FILE NAME = SUL

REL#	CRD#	SOURCE STATEMENT
0053	000530	BLOCK CONTAINS 4 RECORDS
0054	000540	VALUE OF IDENTIFICATION IS @TELEXTRN@.
0055	000550	01 TRN-REC.
0056	000560	02 TR-KEY.
0057	000570	03 T-DEST PIC 9(4).
0058	000580	03 T-RTE PIC X(2).
0059	000590	02 T-SRATE PIC 99V9(4).
0060	000600	02 T-TYPE1 PIC X(1).
0061	000610	02 T-SRATE-B PIC 99V9(4).
0062	000620	02 T-TYPE2 PIC X(1).
0063	000630	02 T-LINE1 PIC 9(3).
0064	000640	02 T-LINE2 PIC 9(3).
0065	000650	02 T-CUR PIC 9(2).
0066	000660	02 F PIC X(36).
0067	000670	FD TAB-FILE
0068	000680	LABEL RECORD IS STANDARD
0069	000690	BLOCK CONTAINS 8 RECORDS
0070	000700	VALUE OF IDENTIFICATION IS @TAB-FILE@.
0071	000710	01 TAB-REC.
0072	000720	02 TB-KEY.
0073	000730	03 TB-CODE PIC X(1).
0074	000740	03 TB-NO PIC 9(2).
0075	000750	02 TB-EXRTE PIC 9(2)V9(7).
0076	000760	02 TB-DESC PIC X(5).
0077	000770	02 F PIC X(15).
0078	000780	FD DEST-FILE
0079	000790	LABEL RECORD IS STANDARD
0080	000800	BLOCK CONTAINS 4 RECORDS
0081	000810	VALUE OF IDENTIFICATION IS @DEST-FILE@.
0082	000820	01 DEST-REC.
0083	000830	02 DT-AREA PIC X.
0084	000840	02 DT-KEY.
0085	000850	03 DT-DEST PIC 9(4).
0086	000860	02 DT-ROUTE PIC X(2).
0087	000870	02 DT-COLL PIC 9(4).
0088	000880	02 DT-NAME PIC X(30).
0089	000890	02 DT-TYPE PIC X.
0090	000900	02 F PIC X(22).
0091	000910	WORKING-STORAGE SECTION.
0092	000920	77 AMT1 PIC 9(6)V9(4) VALUE ZERO.
0093	000930	77 AMT2 PIC 9(6)V9(4) VALUE ZERO.
0094	000940	77 AMT-BHT PIC 9(6)V9(4) VALUE ZERO.
0095	000950	*****
0096	000960	PROCEDURE DIVISION.
0097	000970	INIT.
0098	000980	OPEN INPUT RDT.
0099	000990	OPEN INPUT TAB-FILE.
0100	001000	OPEN INPUT DEST-FILE.
0101	001010	OPEN INPUT ROUTE-FILE.
0102	001020	OPEN OUTPUT TELEXTRN.
0103	001030	*****
0104	001040	READ-P.

VOLUME NAME = PROGRAM: CREATE REV. 0018 DATE: 11/05/82 TIME: 10:
FILE NAME = .SUL

REL#	CRD#	SOURCE STATEMENT
0105	001050	READ RDT AT END GO TO LAST-PARA.
0106	001060*****	:READ DESTINATION FILE IN ORDER TO GET COLLECTOIN RATE
0107	001070	MOVE RD-DEST TO DT-DEST.
0108	001080	READ DEST-FILE INVALID KEY STOP @DEST-FILE NOT FOUND@
0109	001090	GO TO READ-P.
0110	001100	MOVE SPACE TO TRN-REC.
0111	001110	IF DT-TYPE = 1 GO TO CHK-RTE.
0112	001120	MOVE DT-TYPE TO T-TYPE1.
0113	001130	GO TO READ-TAB.
0114	001140	CHK-RTE.
0115	001150	IF RD-RTE NOT = DT-ROUTE MOVE 0 TO T-TYPE1
0116	001160	ELSE MOVE DT-TYPE TO T-TYPE1.
0117	001170	READ-TAB.
0118	001180*****	:READ TAB-FILE IN ORDER TO GET EXCHANGE RATE
0119	001190	MOVE SPACE TO TB-KEY.
0120	001200	MOVE @C@ TO TB-CODE.
0121	001210	MOVE RD-CUR TO TB-NO.
0122	001220	READ TAB-FILE INVALID KEY
0123	001230	STOP @CURRENCY NOT FOUND@
0124	001240	GO TO READ-P.
0125	001250*****	:READ ROUTE FILE IN ORDER TO GET NO. OF CIRCUITS FROM BKK TO ROUTE
0126	001260	MOVE RD-RTE TO RT-KEY.
0127	001270	READ ROUTE-FILE INVALID KEY
0128	001280	STOP @ROUTE CODE NOT FOUND@
0129	001290	GO TO READ-P.
0130	001300	MOVE RD-DEST TO T-DEST.
0131	001310	MOVE RD-RTE TO T-RTE.
0132	001320	MOVE RD-SRATE TO T-SRATE.
0133	001330	MOVE RD-TYPE2 TO T-TYPE2.
0134	001340	MOVE RT-LINE1 TO T-LINE1.
0135	001350	MOVE RD-LINE2 TO T-LINE2.
0136	001360	MOVE RD-CUR TO T-CUR.
0137	001370	COMPUTE AMT-BHT = RD-SRATE * TB-EXRTE.
0138	001380	COMPUTE AMT1 = AMT-BHT / DT-COLL.
0139	001390	COMPUTE AMT2 = AMT1 * 100.
0140	001400	MOVE AMT2 TO T-SRATE-B.
0141	001410	WRT-PARA.
0142	001420	WRITE TRN-REC INVALID KEY STOP @TELEXTRN OVERFLOW@
0143	001430	GO TO LAST-PARA.
0144	001440	GO TO READ-P.
0145	001450	LAST-PARA.
0146	001460	CLOSE TELEXTRN.
0147	001470	CLOSE RDT.
0148	001480	CLOSE DEST-FILE.
0149	001490	CLOSE TAB-FILE.
0150	001500	CLOSE ROUTE-FILE.
0151	001510	STOP RUN.
0152	001520	END

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โปรแกรม MAINTENANCE

VOLUME NAME = PROGRAM: MAINTE REV. 0014 DATE: 11/05/82 TIME: 10:3
FILE NAME = SUL

REL#	CRD#	SOURCE STATEMENT
0001	000010	IDENTIFICATION DIVISION.
0002	000020	PROGRAM-ID. MAINTE.
0003	000030	ENVIRONMENT DIVISION.
0004	000040	CONFIGURATION SECTION.
0005	000050	SOURCE-COMPUTER. SYSTEM100.
0006	000060	OBJECT-COMPUTER. SYSTEM100 CRT.
0007	000070	INPUT-OUTPUT SECTION.
0008	000080	FILE-CONTROL.
0009	000090	SELECT TELEXMAS ASSIGN TO MSD
0010	000100	ORGANIZATION INDEXED
0011	000110	RECORD KEY MAS-KEY
0012	000120	ACCESS MODE RANDOM.
0013	000130	SELECT TELEXTRN ASSIGN TO MSD
0014	000140	ORGANIZATION INDEXED
0015	000150	RECORD KEY TR-KEY
0016	000160	ACCESS MODE SEQUENTIAL.
0017	000170	DATA DIVISION.
0018	000180	FILE SECTION.
0019	000190	FD TELEXMAS
0020	000200	LABEL RECORD IS STANDARD
0021	000210	BLOCK CONTAINS 4 RECORDS
0022	000220	VALUE OF IDENTIFICATION IS @TELEXMAS@.
0023	000230	01 MAS-REC.
0024	000240	02 MAS-KEY.
0025	000250	03 M-DEST PIC 9(4).
0026	000260	03 M-RTE PIC X(2).
0027	000270	02 M-SRATE PIC 99V9(4).
0028	000280	02 M-TYPE1 PIC X(1).
0029	000290	02 M-SRATE-B PIC 99V9(4).
0030	000300	02 M-TYPE2 PIC X(1).
0031	000310	02 M-LINE1 PIC 9(3).
0032	000320	02 M-LINE2 PIC 9(3).
0033	000330	02 M-CUR PIC 9(2).
0034	000340	02 F PIC X(36).
0035	000350	FD TELEXTRN
0036	000360	LABEL RECORD IS STANDARD
0037	000370	BLOCK CONTAINS 4 RECORDS
0038	000380	VALUE OF IDENTIFICATION IS @TELEXTRN@.
0039	000390	01 TRN-REC.
0040	000400	02 TR-KEY.
0041	000410	03 T-DEST PIC 9(4).
0042	000420	03 T-RTE PIC X(2).
0043	000430	02 T-SRATE PIC 99V9(4).
0044	000440	02 T-TYPE1 PIC X(1).
0045	000450	02 T-SRATE-B PIC 99V9(4).
0046	000460	02 T-TYPE2 PIC X(1).
0047	000470	02 T-LINE1 PIC 9(3).
0048	000480	02 T-LINE2 PIC 9(3).
0049	000490	02 T-CUR PIC 9(2).
0050	000500	02 F PIC X(36).
0051	000510	*****
0052	000520	PROCEDURE DIVISION.

VOLUME NAME = . PROGRAM: MAINT E REV. 0014 DATE: 11/05/82 TIME: 10:3
 FILE NAME = SUL

REL#	CRD#	SOURCE STATEMENT
0053	000530	INIT.
0054	000540	OPEN INPUT TELEXTRN.
0055	000550	OPEN I-O TELEXMAS.
0056	000560	*****
0057	000570	READ-P.
0058	000580	READ TELEXTRN AT END GO TO LAST-PARA.
0059	000590	MOVE T-DEST TO M-DEST.
0060	000600	MOVE T-RTE TO M-RTE.
0061	000610	READ TELEXMAS INVALID KEY GO TO WRT-PARA.
0062	000620	MOVE TRN-REC TO MAS-REC.
0063	000630	REWRITE MAS-REC INVALID KEY STOP @INVALID IN REWRITE MASTER@
0064	000640	GO TO LAST-PARA.
0065	000650	GO TO READ-P.
0066	000660	WRT-PARA.
0067	000670	MOVE TRN-REC TO MAS-REC.
0068	000680	WRITE MAS-REC INVALID KEY STOP @TELEXMAS OVERFLOW@
0069	000690	GO TO LAST-PARA.
0070	000700	GO TO READ-P.
0071	000710	LAST-PARA.
0072	000720	CLOSE TELEXMAS.
0073	000730	CLOSE TELEXTRN.
0074	000740	STOP RUN.
0075	000750	END

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ITCS-4 REL. 4.23 FSCPT REV. 0422 FILE NAME = STIMAST REV. U001 DATE: 09/05/82 TIME: 16:42:32 PAGE: 0001

REL	FILE NAME	REV.	DATE	TIME	PAGE
U001	STIMAST	U001	09/05/82	16:42:32	0001
U002	STIMAST	U002	09/05/82	16:42:32	0002
U003	STIMAST	U003	09/05/82	16:42:32	0003
U004	STIMAST	U004	09/05/82	16:42:32	0004
U005	STIMAST	U005	09/05/82	16:42:32	0005

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โปรแกรม TELEX๐6

REL#	CRD#	TEXT	CONTENTS
0001	000010	IDENTIFICATION DIVISION.	
0002	000020	PROGRAM-ID. TELEX06.	
0003	000030	ENVIRONMENT DIVISION.	
0004	000040	CONFIGURATION SECTION.	
0005	000050	SOURCE-COMPUTER. SYSTEM100.	
0006	000060	OBJECT-COMPUTER. SYSTEM100 CRT.	
0007	000070	INPUT-OUTPUT SECTION.	
0008	000080	FILE-CONTROL.	
0009	000090	SELECT TAB-COMP	ASSIGN TO MSD.
0010	000100	SELECT DEST-FILE	ASSIGN TO MSD
0011	000110		ORGANIZATION IS INDEXED
0012	000120		ACCESS MODE IS DYNAMIC
0013	000130		RECORD KEY IS DT-KEY.
0014	000140	SELECT PRT	ASSIGN TO LP.
0015	000150	DATA DIVISION.	
0016	000160	FILE SECTION.	
0017	000170	FD TAB-COMP	
0018	000180	BLOCK CONTAINS 4 RECORDS	
0019	000190	LABEL RECORD IS STANDARD	
0020	000200	VALUE OF IDENTIFICATION IS @TAB-COMP@.	
0021	000210	01 COM-REC.	
0022	000220	02 C-DEST	PIC 9(4).
0023	000230	02 C-RTE	PIC XX.
0024	000240	02 C-RATE	PIC 99V9(4).
0025	000250	02 C-TYPE1	PIC X.
0026	000260	02 C-COMP.	
0027	000270	03 C-SRATE	PIC 99V9(4).
0028	000280	03 C-TYPE	PIC X.
0029	000290	03 C-LINE1	PIC 9(3).
0030	000300	03 C-LINE2	PIC 9(3).
0031	000310	02 FILLER	PIC X(38).
0032	000320	FD DEST-FILE	
0033	000330	BLOCK CONTAINS 4 RECORDS	
0034	000340	LABEL RECORD IS STANDARD	
0035	000350	VALUE OF IDENTIFICATION IS @DEST-FILE@.	
0036	000360	01 DEST-REC.	
0037	000370	02 DT-AREA	PIC X(1).
0038	000380	02 DT-KEY.	
0039	000390	03 DT-DEST	PIC 9(4).
0040	000400	02 DT-ROUTE	PIC XX.
0041	000410	02 DT-COLL	PIC 9(4).
0042	000420	02 DT-NAME	PIC X(30).
0043	000430	02 DT-TYPE	PIC X.
0044	000440	02 DT-SHAKE	PIC 9(2)V9(4).
0045	000450	02 FILLER	PIC X(16).
0046	000460	FD PRT	
0047	000470	LABEL RECORD IS OMITTED LINAGE IS 66.	
0048	000480	01 PR-REC.	
0049	000490	02 FILLER	PIC X(132).
0050	000500	WORKING-STORAGE SECTION.	
0051	000510	77 I	PIC 99 VALUE ZERO.
0052	000520	77 J	PIC 99 VALUE ZERO.
0053	000530	77 K	PIC 99 VALUE ZERO.

REL#	CRD#	TEXT	CONTENTS
0054	000540 77	FRT-REC	PIC 9 VALUE ZERO.
0055	000550 77	SW-END	PIC 9 VALUE ZERO.
0056	000560 77	CHK-FOUND	PIC 9 VALUE ZERO.
0057	000570 01	WK-T1.	
0058	000580	02 WK-E1	OCCURS 20 TIMES.
0059	000590	03 W-RTE1	PIC XX.
0060	000600	03 W-COMP.	
0061	000610	04 W-SRATE1	PIC 9(2)V9(4).
0062	000620	04 W-TYPE	PIC X(1).
0063	000630	04 W-LINE1	PIC 9(3).
0064	000640	04 W-LINE2	PIC 9(3).
0065	000650 01	WK-T2.	
0066	000660	02 WK-E2	OCCURS 20 TIMES.
0067	000670	03 WK-SRATE2	PIC 9(2)V9(4).
0068	000680 01	HEAD1.	
0069	000690	02 FILLER	PIC X(40) VALUE SPACE.
0070	000700	02 FILLER	PIC X(14) VALUE @INTERNATIONAL @.
0071	000710	02 FILLER	PIC X(19) VALUE @ROUTING PLAN REPORT@.
0072	000720 01	HEAD2.	
0073	000730	02 FILLER	PIC X(18) VALUE SPACE.
0074	000740	02 FILLER	PIC X(11) VALUE @DESTINATION@.
0075	000750	02 FILLER	PIC X(23) VALUE SPACE.
0076	000760	02 FILLER	PIC X(4) VALUE @1 ST@.
0077	000770	02 FILLER	PIC X(5) VALUE SPACE.
0078	000780	02 FILLER	PIC X(4) VALUE @2 ND@.
0079	000790	02 FILLER	PIC X(5) VALUE SPACE.
0080	000800	02 FILLER	PIC X(4) VALUE @3 RD@.
0081	000810	02 FILLER	PIC X(5) VALUE SPACE.
0082	000820	02 FILLER	PIC X(4) VALUE @4 TH@.
0083	000830	02 FILLER	PIC X(5) VALUE SPACE.
0084	000840	02 FILLER	PIC X(4) VALUE @5 TH@.
0085	000850	02 FILLER	PIC X(5) VALUE SPACE.
0086	000860	02 FILLER	PIC X(4) VALUE @6 TH@.
0087	000870	02 FILLER	PIC X(5) VALUE SPACE.
0088	000880	02 FILLER	PIC X(4) VALUE @7 TH@.
0089	000890	02 FILLER	PIC X(5) VALUE SPACE.
0090	000900	02 FILLER	PIC X(4) VALUE @8 TH@.
0091	000910 01	DTL-LN.	
0092	000920	02 FILLER	PIC X(10) VALUE SPACE.
0093	000930	02 DEST-CODE	PIC 9(4).
0094	000940	02 FILLER	PIC XX VALUE SPACE.
0095	000950	02 DEST-NM	PIC X(30).
0096	000960	02 ROUTE-P	OCCURS 8 TIMES.
0097	000970	03 FILLER	PIC X(7).
0098	000980	03 RTE	PIC XX.
0099	000990	PROCEDURE DIVISION.	
0100	001000	P-OPEN.	
0101	001010	DISPCRT (1,1)	ERASE.
0102	001020*	DISPCRT (5,10)	@ROUTING PLAN@.
0103	001030	OPEN INPUT	TAB-COMP.
0104	001040	OPEN I-O	DEST-FILE.
0105	001050	OPEN OUTPUT	PRT.
0106	001060	MOVE LOW-VALUE TO	DT-KEY.

REL#	CRO#	TEXT	CONTENTS
0107	001070	START DEST-FILE	KEY > DT-KEY INVALID KEY
0108	001080		STOP @NO DATA IN DEST-FILE@
0109	001090		GO TO LAST-PARA.
0110	001100	RD-DEST.	
0111	001110	READ DEST-FILE	NEXT AT END
0112	001120		GO TO LAST-PARA.
0113	001130	MOVE ZERO	TO I.
0114	001140	MOVE SPACE	TO DTL-LN.
0115	001150	IF FRT-REC = 0	MOVE 1 TO FRT-REC
0116	001160		PERFORM R-WR-HEAD THRU E-WR-HEAD.
0117	001170	MOVE DT-DEST	TO DEST-CODE.
0118	001180	MOVE DT-NAME	TO DEST-NM.
0119	001190	R-COMP.	
0120	001200	READ TAB-COMP	AT END MOVE 1 TO SW-END
0121	001210		GO TO LOOP1.
0122	001220	IF C-DEST NOT =	DT-DEST
0123	001230		PERFORM LOOP1 THRU LOOP1-EXIT
0124	001240		PERFORM RW-DEST THRU RW-DEST-E
0125	001250		GO TO RD-DEST.
0126	001260	MOVE 1	TO CHK-FOUND.
0127	001270	M-1.	
0128	001280	ADD 1	TO J.
0129	001290	IF J > 20	STOP @WORK TABLE OVERFLOW@
0130	001300		GO TO LOOP1.
0131	001310	M-2.	
0132	001320	MOVE C-RTE	TO W-RTE1(J).
0133	001330	MOVE C-COMP	TO W-COMP(J).
0134	001340	GO TO	R-COMP.
0135	001350	LAST-PARA.	
0136	001360	CLOSE DEST-FILE.	
0137	001370	CLOSE TAB-COMP.	
0138	001380	CLOSE PRI.	
0139	001390	STOP RUN.	
0140	001400	*****	
0141	001410	R-WR-HEAD.	
0142	001420	MOVE HEAD1	TO PR-REC. WRITE PR-REC AFTER PAGE.
0143	001430	MOVE HEAD2	TO PR-REC. WRITE PR-REC AFTER 3.
0144	001440	E-WR-HEAD.	
0145	001450	EXIT.	
0146	001460	*****	
0147	001470	LOOP1.	
0148	001480	IF CHK-FOUND = 0	GO TO CHK-END-P.
0149	001490	MOVE 0	TO K.
0150	001500	LOOP2.	
0151	001510	ADD 1	TO I.
0152	001520	IF I > 8	GO TO WRT-PARA.
0153	001530	ADD 1	TO K.
0154	001540	IF K > J	GO TO WRT-PARA.
0155	001550	MOVE W-RTE1(K)	TO RTE(I).
0156	001560	MOVE W-SRATE1(K)	TO WK-SRATE2(I).
0157	001570	GO TO	LOOP2.
0158	001580	WRT-PARA.	
0159	001590	MOVE DTL-LN	TO PR-REC. WRITE PR-REC AFTER 2.

REL#	CRD#	TEXT	CONTENTS
0160	001600	IF LINAGE-COUNTER >	64 PERFORM R-WR-HEAD THRU E-WR-HEAD.
0161	001610	MOVE 1	TO J.
0162	001620	MOVE C-RTE	TO W-RTE1(J).
0163	001630	MOVE C-SRATE	TO W-SRATE1(J).
0164	001640	PERFORM CHK-1	THRU CHK-1-E.
0165	001650	CHK-END-P.	
0166	001660	IF SW-END =	1 MOVE 0 TO SW-END
0167	001670		PERFORM RW-DEST THRU RW-DEST-E
0168	001680		GO TO LAST-PARA.
0169	001690	LOOP1-EXIT.	
0170	001700	EXIT.	
0171	001710	*****	
0172	001720	CHK-1.	
0173	001730*	IF DT-TYPE = @1@	GO TO CHK-1-E.
0174	001740	MOVE RIE(1)	TO DT-ROUTE.
0175	001750	MOVE WK-SRATE2(1)	TO DT-SHARE.
0176	001760	CHK-1-E.	
0177	001770	EXIT.	
0178	001780	*****	
0179	001790	RW-DEST.	
0180	001800*	IF DT-TYPE = @1@	GO TO RW-DEST-E.
0181	001810	IF CHK-FOUND = 0	GO TO RW-DEST-E.
0182	001820	REWRITE DEST-REC	INVALID KEY
0183	001830	STOP @DEST-REC	INVALID IN REWRITE@
0184	001840	CLOSE DEST-FILE	
0185	001850	CLOSE TAB-COMP	
0186	001860	CLOSE PRT	
0187	001870	STOP RUN.	
0188	001880	MOVE 0	TO CHK-FOUND.
0189	001890	RW-DEST-E.	
0190	001900	EXIT.	
0191	001910	*****	
0192	001920	END	

ภาคผนวก จ.

โปรแกรม TELEX๐8

REL#	CRD#	TEXT	CONTENTS
0001	000010	IDENTIFICATION DIVISION.	
0002	000020	PROGRAM-ID. TELXR๐8 .	
0003	000030	ENVIRONMENT DIVISION.	
0004	000040	CONFIGURATION SECTION.	
0005	000050	SOURCE-COMPUTER. SYSTEM100.	
0006	000060	OBJECT-COMPUTER. SYSTEM100 CRT.	
0007	000070	INPUT-OUTPUT SECTION.	
0008	000080	FILE-CONTROL.	
0009	000090	SELECT ROUTE-FILE	ASSIGN TO MSD
0010	000100		ORGANIZATION IS INDEXED
0011	000110		ACCESS MODE IS RANDOM
0012	000120		RECORD KEY IS RT-KEY.
0013	000130	SELECT DEST-FILE	ASSIGN TO MSD
0014	000140		ORGANIZATION IS INDEXED
0015	000150		ACCESS MODE IS SEQUENTIAL
0016	000160		RECORD KEY IS DT-DEST.
0017	000170	SELECT TAB-FILE	ASSIGN TO MSD
0018	000180		ORGANIZATION IS INDEXED
0019	000190		ACCESS MODE IS DYNAMIC
0020	000200		RECORD KEY IS TAB-KEY.
0021	000210	SELECT PRINT-FILE	ASSIGN TO LP.
0022	000220	DATA DIVISION.	
0023	000230	FILE SECTION.	
0024	000240	FD DEST-FILE	
0025	000250		BLOCK CONTAINS 4 RECORDS
0026	000260		LABEL RECORD IS STANDARD
0027	000270		VALUE OF IDENTIFICATION IS @DEST-FILE@.
0028	000280	01 DEST-REC.	
0029	000290	02 DT-AREA	PIC X.
0030	000300	02 DT-DEST	PIC X(4).
0031	000310	02 DT-ROUTE	PIC XX.
0032	000320	02 DT-COLL	PIC 9(4).
0033	000330	02 DT-NAME	PIC X(30).
0034	000340	02 DT-TYPE	PIC X.
0035	000350	02 DT-SHARE	PIC 9(2)V9(4).
0036	000360	02 DT-VOL	PIC 9(7).
0037	000370	02 FILLER	PIC X(09).
0038	000380	FD ROUTE-FILE	
0039	000390		BLOCK CONTAINS 8 RECORDS
0040	000400		LABEL RECORD IS STANDARD
0041	000410		VALUE OF IDENTIFICATION IS @ROUTE-FILE@.
0042	000420	01 ROUTE-REC.	
0043	000430	02 RT-KEY.	
0044	000440	03 RT-ROUTE	PIC XX.
0045	000450	02 RT-DEST	PIC 9(4).
0046	000460	02 RT-LINE1	PIC 9(3).
0047	000470	02 RT-TRAF	PIC 9(7).
0048	000480	02 FILLER	PIC X(16).
0049	000490	FD TAB-FILE	
0050	000500		BLOCK CONTAINS 8 RECORDS
0051	000510		LABEL RECORD IS STANDARD
0052	000520		VALUE OF IDENTIFICATION IS @TAB-FILE@.
0053	000600	01 TAB-RECL.	

REL#	CRD#	TEXT	CONTENTS
0054	000610	02 TAB-KEY.	
0055	000620	03 T2-CODE	PIC X.
0056	000630	03 T2-SERV	PIC XX.
0057	000650	02 T2-UPPER	PIC 9(7).
0058	000660	02 T2-LOWER	PIC 9(7).
0059	000670	02 T2-CIRC	PIC 9(3).
0060	000680	02 FILLER	PIC X(12).
0061	000690	01 TAB-RECS.	
0062	000700	02 TAB-KEY3.	
0063	000710	03 T3-CODE	PIC X.
0064	000720	03 FILLER	PIC X(2).
0065	000730	02 T3-SERV	PIC XX.
0066	000740	02 T3-SHARE	PIC 99V9(4).
0067	000750	02 FILLER	PIC X(21).
0068	000760	01 TAB-RECC.	
0069	000770	02 TAB-KEY4.	
0070	000780	03 T4-CODE	PIC X.
0071	000790	03 T4-CUR	PIC X(02).
0072	000810	02 T4-EXRTE	PIC 9(2)V9(7).
0073	000820	02 T4-DESC	PIC X(5).
0074	000830	02 FILLER	PIC X(15).
0075	000840	FD PRINT-FILE	
0076	000850	LABEL RECORD IS OMITTED.	
0077	000860	01 PRI-LIN.	
0078	000870	02 FILLER	PIC X(132).
0079	000880	WORKING-STORAGE SECTION.	
0080	000890	77 I	PIC 99 VALUE ZERO.
0081	000900	77 X	PIC 59(8)V9(4) VALUE ZERO.
0082	000910	77 Y	PIC 59(8)V9(4) VALUE ZERO.
0083	000920	77 T	PIC 59(8)V9(4) VALUE ZERO.
0084	000930	77 W-LINE	PIC 99 VALUE ZERO.
0085	000940	77 W-NO	PIC 999 VALUE ZERO.
0086	000950	77 W-PAGE	PIC 9(4) VALUE ZERO.
0087	000960	77 NEW-REC	PIC 9(4) VALUE ZERO.
0088	000970	77 WK-TRAF	PIC 9(7) VALUE ZERO.
0089	000980	77 WK-EXRTE	PIC 9(2)V9(7) VALUE ZERO.
0090	000990	77 WK-SERV	PIC XX VALUE SPACE.
0091	001000	01 W-TAB.	
0092	001010	02 W-TAB2 OCCURS 40 TIMES.	
0093	001020	03 FILLER	PIC X(11).
0094	001030	03 W-UPPER	PIC 9(7).
0095	001040	03 W-LOWER	PIC 9(7).
0096	001050	03 W-CIRC	PIC 9(3).
0097	001060	03 FILLER	PIC X(4).
0098	001070	01 H-1.	
0099	001080	02 FILLER	PIC X(53) VALUE SPACE.
0100	001090*	02 FILLER	PIC X(6) VALUE aFOR a.
0101	001100*	02 H-SHARE	PIC 99.
0102	001110*	02 FILLER	PIC X(9) VALUE a % SHAREa.
0103	001120	01 H-0.	
0104	001130	02 FILLER	PIC X(46) VALUE SPACE.
0105	001140	02 FILLER	PIC X(32) VALUE
0106	001150	aADDITIONAL DIRECT CIRCUIT REPORTa.	



(CBL: TELX08 REV. 0028)

REL#	CRD#	TEXT	CONTENTS
0107	001160	01 H-2.	
0108	001170	02 FILLER	PIC X(27) VALUE SPACE.
0109	001180	02 FILLER	PIC X(15) VALUE @DIRECT OR @.
0110	001190	02 FILLER	PIC X(42) VALUE
0111	001200	@TRAFFIC	SHARED RATE COLLECTION RATE@.
0112	001210	02 FILLER	PIC X(39) VALUE
0113	001220	@ BREAK POINT	NO. CIRCUIT REMARKS@.
0114	001230	01 H-3.	
0115	001240	02 FILLER	PIC X(8) VALUE @ CODE @.
0116	001250	02 FILLER	PIC X(44) VALUE
0117	001260	@DESTINATION	TRANSIT (MIN./ MONTH)@.
0118	001270	02 FILLER	PIC X(48) VALUE
0119	001280	@ (%)	(BAHT) (MIN./ MONTH)@.
0120	001290	02 FILLER	PIC X(11) VALUE @ ADD OLD@.
0121	001300	01 D-1.	
0122	001310	02 FILLER	PIC XX VALUE SPACE.
0123	001320	02 D-DEST	PIC X(4).
0124	001330	02 FILLER	PIC XX VALUE SPACE.
0125	001340	02 D-NAME	PIC X(23).
0126	001350	02 D-TYPE	PIC X.
0127	001360	02 FILLER	PIC X(9) VALUE SPACE.
0128	001370	02 D-TRAF	PIC ZZZZ,ZZZ.
0129	001380	02 FILLER	PIC X(8) VALUE SPACE.
0130	001390	02 D-SHARE	PIC ZZ.ZZZZ.
0131	001400	02 FILLER	PIC X(9) VALUE SPACE.
0132	001410	02 D-COLL	PIC ZZZZ.ZZ.
0133	001420	02 FILLER	PIC X(8) VALUE SPACE.
0134	001430	02 D-BREAK	PIC ZZZZ,ZZZ.
0135	001440	02 FILLER	PIC X(5) VALUE SPACE.
0136	001450	02 D-CIRC-A	PIC ZZZ.
0137	001460	02 FILLER	PIC X(2) VALUE SPACE.
0138	001470	02 D-CIRC-O	PIC ZZZ.
0139	001480	02 FILLER	PIC X(3) VALUE SPACE.
0140	001490	02 D-REMARK	PIC X(18).
0141	001500	01 T-1.	
0142	001510	02 F	PIC X(52) VALUE SPACE.
0143	001520	02 F	PIC X(12) VALUE @ TOTAL = @.
0144	001530	02 T-REC	PIC ZZZZ.
0145	001540	02 F	PIC X(22) VALUE @ RECORDS @.
0146	001550	PROCEDURE DIVISION.	
0147	001560	P-OPEN.	
0148	001570	DISPCRT (1,1)	ERASE.
0149	001580	OPEN INPUT	DEST-FILE.
0150	001590	OPEN INPUT	ROUTE-FILE.
0151	001600	OPEN INPUT	TAB-FILE.
0152	001610	OPEN OUTPUT	PRINT-FILE.
0153	001620	MOVE 52 TO	W-LINE.
0154	001630	MOVE ZERO TO	W-TAB.
0155	001640	R-CUR1.	
0156	001650	MOVE SPACE	TO TAB-KEY.
0157	001660	MOVE @ca	TO T4-CODE.
0158	001670	MOVE 01	TO T4-CUR.
0159	001680	READ TAB-FILE INVALID KEY	

REL#	CRD#	TEXT	CONTENTS
0160	001690		STOP @NOT FOUND EXCHANGE RATE@
0161	001700		GO TO P-CLOSE.
0162	001710	MOVE	T4-EXRTE TO WK-EXRTE.
0163	001720	R-TAB1.	
0164	001730	MOVE	SPACE TO TAB-KEY.
0165	001740	MOVE	@5@ TO T3-CODE.
0166	001750	READ	TAB-FILE INVALID KEY
0167	001760		STOP @NOT FOUND GRADE OF SERVICE@
0168	001770		GO TO P-CLOSE.
0169	001780	MOVE	T3-SERV TO WK-SERV.
0170	001790	R-TAB2.	
0171	001800	MOVE	SPACE TO TAB-KEY.
0172	001810	MOVE	@L@ TO T2-CODE.
0173	001820	MOVE	WK-SERV TO T2-SERV.
0174	001830	READ	TAB-FILE INVALID KEY
0175	001840		STOP @NOT FOUND TABLE OF CIRCUIT@
0176	001850		GO TO P-CLOSE.
0177	001860	MOVE	1 TO I.
0178	001870	MOVE	TAB-RECL TO W-TAB2(I).
0179	001880	R-TAB3.	
0180	001890	ADD	1 TO I.
0181	001900	IF	I > 40 STOP @TABLE OVERFLOW@
0182	001910		GO TO P-CLOSE.
0183	001920	READ	TAB-FILE NEXT AT END GO TO R-DEST.
0184	001930	IF	T2-SERV NOT = WK-SERV GO TO R-DEST.
0185	001940	MOVE	TAB-RECL TO W-TAB2(I).
0186	001950	GO	TO R-TAB3.
0187	001960	R-DEST.	
0188	0019700	STOP	@R-DEST1@.
0189	001980	READ	DEST-FILE AT END GO TO P-TOT.
0190	001990	MOVE	DT-VOL TO WK-TRAF.
0191	002000	COMPUTE	X = DT-SHARE - 23.33.
0192	002010	IF	X NOT > ZERO GO TO R-DEST.
0193	002020	COMPUTE	Y ROUNDED = X * DT-COLL.
0194	002030	COMPUTE	T ROUNDED = 90000 * WK-EXRTE.
0195	002040	COMPUTE	T ROUNDED = T / Y.
0196	002050	IF	DT-TYPE = @1@ GO TO R-ROUTE.
0197	002060	IF	WK-TRAF < T GO TO R-DEST.
0198	002070	MOVE	0 TO I.
0199	002080	P-PROC.	
0200	002090	ADD	1 TO I.
0201	002100	IF	I > 40 GO TO R-DEST.
0202	002110	IF	WK-TRAF > W-UPPER(I) GO TO P-PROC.
0203	002120	IF	WK-TRAF < W-LOWER(I) GO TO R-DEST.
0204	002130	GO	TO P-PRINT.
0205	002140	R-ROUTE.	
0206	002150	MOVE	DT-ROUTE TO RT-ROUTE.
0207	002160	READ	ROUTE-FILE INVALID KEY
0208	002170		STOP @ROUTE NOT FOUND@
0209	002180		GO TO R-DEST.
0210	002190	MOVE	RT-TRAF TO WK-TRAF.
0211	002200	MOVE	0 TO I.
0212	002210	GO	TO P-PROC.

(CBL: TELX08 REV. 0028)

REL#	CRD#	TEXT	CONTENTS
0213	002220	P-PRINT.	
0214	002230	IF W-LINE >	50 PERFORM WR-HEAD THRU XWR-HEAD.
0215	002240	MOVE DT-DEST	TO D-DEST.
0216	002250	MOVE DT-NAME	TO D-NAME.
0217	002260	MOVE WK-TRAF	TO D-TRAF.
0218	002270	MOVE DT-SHARE	TO D-SHARE.
0219	002280	MOVE DT-COLL	TO D-COLL.
0220	002290	MOVE T	TO D-BREAK.
0221	002300	IF WK-SERV	= @11@
0222	002310	MOVE @GD = 1:30 BH = 1:6@	TO D-REMARK GO TO P-1.
0223	002320	IF WK-SERV	= @12@
0224	002330	MOVE @GD = 1:30 BH = 1:8@	TO D-REMARK GO TO P-1.
0225	002340	IF WK-SERV	= @21@
0226	002350	MOVE @GD = 1:50 BH = 1:6@	TO D-REMARK GO TO P-1.
0227	002360	IF WK-SERV	= @22@
0228	002370	MOVE @GD = 1:50 BH = 1:8@	TO D-REMARK GO TO P-1.
0229	002380	P-1.	
0230	002390	IF DT-TYPE	= @0@
0231	002400	MOVE @1@	TO D-TYPE
0232	002410	MOVE 0	TO D-CIRC-0
0233	002420	MOVE W-CIRC(1)	TO D-CIRC-A
0234	002430		GO TO P-2.
0235	002440	MOVE RT-LINE1	TO D-CIRC-0.
0236	002450	MOVE @1@	TO D-TYPE.
0237	002460	IF W-CIRC(1) <	RT-LINE1
0238	002470	MOVE W-NO	TO D-CIRC-0
0239	002480	MOVE 0	TO D-CIRC-A
0240	002490		GO TO P-2.
0241	002500	COMPUTE W-NO =	W-CIRC(1) - RT-LINE1.
0242	002510	MOVE W-NO	TO D-CIRC-A.
0243	002520	P-2.	
0244	002530	MOVE D-1	TO PRI-LIN.
0245	002540	WRITE PRI-LIN	AFTER 2.
0246	002550	ADD 1	TO NEW-REC.
0247	002560	ADD 2	TO W-LINE.
0248	002570		GO TO R-DEST.
0249	002580	P-TOT.	
0250	002590	MOVE SPACE	TO PRI-LIN.
0251	002600	MOVE NEW-REC	TO T-REC.
0252	002610	MOVE T-1	TO PRI-LIN.
0253	002620	WRITE PRI-LIN	AFTER 3.
0254	002630	P-CLOSE.	
0255	002640	CLOSE DEST-FILE.	
0256	002650	CLOSE ROUTE-FILE.	
0257	002660	CLOSE TAB-FILE.	
0258	002670	CLOSE PRINT-FILE.	
0259	002680	STOP RUN.	
0260	002690	WR-HEAD.	
0261	002700	MOVE SPACE	TO PRI-LIN.
0262	002710	MOVE H-0	TO PRI-LIN.
0263	002720	WRITE PRI-LIN	AFTER PAGE.
0264	002730	MOVE SPACE	TO PRI-LIN.
0265	002740	MOVE H-1	TO PRI-LIN.

(CBL: TELX08 REV. 0028)

REL#	CRD#		TEXT	CONTENTS
0266	002750	WRITE	PRI-LIN	AFTER 1.
0267	002760	MOVE	SPACE	TO PRI-LIN.
0268	002770	MOVE	H-2	TO PRI-LIN.
0269	002780	WRITE	PRI-LIN	AFTER 2.
0270	002790	MOVE	SPACE	TO PRI-LIN.
0271	002800	MOVE	H-3	TO PRI-LIN.
0272	002810	WRITE	PRI-LIN	AFTER 1.
0273	002820	MOVE	ZERO	TO W-LINE.
0274	002830	XWR-HEAD.		
0275	002840	EXIT.		
0276	002850	END		

ภาคผนวก ฉ

แฟ้มข้อมูลที่ใช้ในการทดสอบโปรแกรม

แฟ้มข้อมูล ROUTE-FILE

VOLUME NAME = *** FILE CONVERTER *** DATE: 11/05/82 11
 FILE NAME = ROUTE-FILE BLOCK SIZE = 0256

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000001 AA00710080022750
 000002 AU00470080036842
 000003 BE00460060022674
 000004 CA00210040022543
 000005 CH00450170069872
 000006 DK00550070011260
 000007 DP00410160065020
 000008 FR00420120056787
 000009 GB00510200092648
 000010 HX08020220089676
 000011 IN00810060013654
 000012 IT00430150073459
 000013 JP00720260099654
 000014 SW00540050013565
 000015 UT02340170089564

END OF #FLCNV

แฟ้มข้อมูล DEST-FILE

REL 423 #FLCNV REV 0426 *** FILE CONVERTER MSD-DUMP ***
DEVICE = MSD001 VOLUME NAME = TM001 FILE NAME = DEST-FILE

REC-NO1.....2.....3.....4.....5.....6.....

000001	0021	CA0100	CANADA	1000000000	04564000000000
000002	0022	0100	MEXICO	0000000000	01009000000000
000003	0035	0125	COLUMBIA	0000000000	00875000000000
000004	0041	0001	WEST GERMANY	1000000000	00495600000000
000005	0042	FR01	FRANCE	0000000000	00296420000000
000006	0043	IT01	ITALY	1000000000	00554300000000
000007	0046	BE01	BELGIUM	1000000000	01767500000000
000008	0054	SW01	SWEDEN	1000000000	01218700000000
000009	0064	01	USSR	0000000000	00398700000000
000010	0071	AA01	AUSTRALIA	1000000000	00288640000000
000011	0072	JP07	JAPAN	1000000000	00179600000000
000012	0081	IN00	INDIA	1000000000	01252800000000
000013	0082	0100	PAKISTAN	0000000000	00365000000000
000014	0091	0100	EGYPT	0000000000	00024300000000
000015	0095	0100	SOUTH AFRICA	0000000000	00227800000000
000016	0601	0100	GREECE	0000000000	00552000000000
000017	0604	0100	ALBANIA	0000000000	01564200000000
000018	0704	0100	HAWAII	0000000000	01291000000000
000019	0780	0075	SINGAPORE	0000000000	01146700000000
000020	0802	HK00	HONGKONG	1000000000	00264800000000
000021	0900	0100	ETHIOPIA	0000000000	00095400000000
000022	09S7	0100	KENYA	0000000000	01154000000000

END OF #FLCNV

แฟ้มข้อมูล RDT

*** FILE CONVERTER
VOLUME NAME = DDDDD FILE NAME = RDT

REC-NO	1	2	3	4	5	6	7	8
000001	0021AA040700102502							
000002	0021AU040610101502							
000003	0021BE050700100902							
000004	0021CA037500100002							
000005	0021CH050700102302							
000006	00210K050000101302							
000007	00210P050000000002							
000008	0021FR040000102502							
000009	0021GB037500107402							
000010	0021HX040000102702							
000011	0021IN047000100502							
000012	0021IT040610102102							
000013	0022AA060000000002							
000014	0022AU045000100202							
000015	0022BE050700000002							
000016	0022CA046000101002							
000017	0022CH050700100802							
000018	00220K060000000002							
000019	00220P060000000002							
000020	0022FR050700100802							
000021	0022GB050700100302							
000022	0022HX060000000002							
000023	0022IN060000000002							
000024	0022IT050070101502							
000025	0035AA070000000002							
000026	0035AU066300100702							
000027	0035BE050700000002							
000028	0035CA052000000002							
000029	0035CH050700100802							
000030	00350K060000000002							
000031	00350P060000000002							
000032	0035FR050800101202							
000033	0035GB050800101802							
000034	0035HX055000000002							
000035	0035IN055000000002							
000036	0035IT050748101002							
000037	0041AA040000000002							
000038	0041AU038000101002							
000039	0041BE038000101102							
000040	0041CA040000000002							
000041	0041CH038000101002							
000042	00410K038000100802							
000043	00410P038000100002							
000044	0041FR038000101502							
000045	0041GB038000103502							
000046	0041HX040000000002							
000047	0041IN040000000002							
000048	0041IT038061100902							
000049	0042AA038070101802							
000050	0042AU038000102202							
000051	0042BE038000119302							
000052	0042CA038070101702							

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000053 0042CH038000112302
000054 0042DK038000104002
000055 0042DP040000101202
000056 0042FR038000100002
000057 0042GB038000132002
000058 0042HX040000102202
000059 0042IN040000102202
000060 0042IT0380061128702
000061 0043AA038000101602
000062 0043AU030000103402
000063 0043BE038000107202
000064 0043CA038020102002
000065 0043CH038000111502
000066 0043DK038000104402
000067 0043DP038000101202
000068 0043FR038000132602
000069 0043GB038000123902
000070 0043HX038046102202
000071 0043IN038047102202
000072 0043IT038000100002
000073 0046AA038000100802
000074 0046AU038000101502
000075 0046BE038000100002
000076 0046CA040000100702
000077 0046CH038000105202
000078 0046DK038000102202
000079 0046DP038000100902
000080 0046FR038000118502
000081 0046GB038000118502
000082 0046HX045000101002
000083 0046IN045000100602
000084 0046IT0380061107302
000085 0054AA045000000002
000086 0054AU038000101502
000087 0054BE038000102202
000088 0054CA038020101402
000089 0054CH038000102202
000090 0054DK038000105402
000091 0054DP038000101102
000092 0054GB038000110802
000093 0054HX045000000002
000094 0054IN040000100702
000095 0054IT0380061102702
000096 0054SW038000100002
000097 0064AA040000000002
000098 0064AU038000100902
000099 0064BE038000101002
000100 0064CA030840100602
000101 0064CH038000101702
000102 0064DK038000100802
000103 0064DP038000101802
000104 0064GB038000104802
000105 0064HX045000000002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000106 0064IN040000100502
 000107 0064IT038061101202
 000108 0071AA045000100002
 000109 0071AU060000101102
 000110 0071BE050600100802
 000111 0071CA050600102502
 000112 0071CH050600101302
 000113 00710K050700101302
 000114 00710P060000000002
 000115 0071FR050600101802
 000116 0071GB045000109402
 000117 0071HX045000103702
 000118 0071IN060000101102
 000119 0071IT050718101602
 000120 0072AA038000104202
 000121 0072AU038000101302
 000122 0072BE038000101902
 000123 0072CA038070101902
 000124 0072CH038000102802
 000125 00720K038074101802
 000126 00720P040000000002
 000127 0072FR038061104202
 000128 0072GB038061107902
 000129 0072HX045915107902
 000130 0072IN038062102102
 000131 0072IT038061103502
 000132 0072JP015000100802
 000133 0081AA030000101302
 000134 0081AU030000100802
 000135 0081BE038000100602
 000136 0081CA038020100502
 000137 0081CH038000101302
 000138 00810K038020101202
 000139 00810P040000000002
 000140 0081FR038020102202
 000141 0081GB040000107602
 000142 0081HX030000102902
 000143 0081IN030000100002
 000144 0081IT030000102002
 000145 0082AA046000000002
 000146 0082AU045000100102
 000147 0082BE038000000002
 000148 0082CA060000000002
 000149 0082CH038000100402
 000150 00820K060000000002
 000151 00820P065000000002
 000152 0082FR050700100402
 000153 0082GB050700101502
 000154 0082HX045915101202
 000155 0082IN050720100302
 000156 0082IT038061100802
 000157 0091AA050800000002
 000158 0091AU045000105502

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000159 0091BE050700000002
 000160 0091CA050700000002
 000161 0091CH050700101702
 000162 0091DK050700101202
 000163 0091DP060000000002
 000164 0091FR050720101302
 000165 0091GB045000103602
 000166 0091HX055000000002
 000167 0091IN060000100502
 000168 0091IT050800100702
 000169 0095AA060000000002
 000170 0095AU060000100502
 000171 0095BE050700100902
 000172 0095CA060000100602
 000173 0095CH050700101602
 000174 0095DK060000100802
 000175 0095DP062000000002
 000176 0095FR060000102202
 000177 0095GB050700106802
 000178 0095HX060400101202
 000179 0095IN062000000002
 000180 0095IT050748101902
 000181 0601AA038061100602
 000182 0601AU038000100902
 000183 0601BE038000101602
 000184 0601CA038070100602
 000185 0601CH038000101902
 000186 0601DK038020101402
 000187 0601DP038000100402
 000188 0601FR038000102802
 000189 0601GB038000108202
 000190 0601HX040000000002
 000191 0601IN038070100202
 000192 0601IT038061104902
 000193 0604AA045000000002
 000194 0604AU038000000002
 000195 0604BE038000000002
 000196 0604CA050700000002
 000197 0604CH038000000002
 000198 0604DK050000000002
 000199 0604DP050000000002
 000200 0604FR038000000002
 000201 0604GB038000000002
 000202 0604HX075000000002
 000203 0604IN060000000002
 000204 0604IT038061100302
 000205 0704AA060000000002
 000206 0704AU066300000002
 000207 0704BE050700000002
 000208 0704CA050700002802
 000209 0704CH050700000002
 000210 0704DK064000000002
 000211 0704DP065000000002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000212 0704FR066200000002
000213 0704G8062000000002
000214 0704HX070000000002
000215 0704IN070000000002
000216 0704IT070200000002
000217 0780AA045000000002
000218 0780AV038000000002
000219 0780BE038000000002
000220 0780CA045000000002
000221 0780CH038000100102
000222 0780DK045000000002
000223 0780DP050000000002
000224 0780FR045000100002
000225 0780GB045000100602
000226 0780HX045915100202
000227 0780IN075000000002
000228 0780IT050748000002
000229 0802AA038000104302
000230 0802AV038000101802
000231 0802BE038000101002
000232 0802CA038020102302
000233 0802CH055900102002
000234 0802DK038020102002
000235 0802DP040000000002
000236 0802FR038020102302
000237 0802GB040000109402
000238 0802HX030000100002
000239 0802IN038040103302
000240 0802IT038061102302
000241 0980AA060000000002
000242 0980AV045000000002
000243 0980BE050700000002
000244 0980CA060000000002
000245 0980CH050700000002
000246 0980DK060000000002
000247 0980DP060000000002
000248 0980FR050720100502
000249 0980GB050720103602
000250 0980HX055000000002
000251 0980IN075000000002
000252 0980IT050748101602
000253 0987AA060000100602
000254 0987AV060000000002
000255 0987BE050700000002
000256 0987CA060000000002
000257 0987CH050700100402
000258 0987DK060200000002
000259 0987DP060200000002
000260 0987FR060000100502
000261 0987GB060000105102
000262 0987HX060200000002
000263 0987IN060500100502
000264 0987IT050748101202

END OF #FLCNV

*** FILE CONVERTER
VOLUME NAME = DDDDD FILE NAME = TELEXTRN

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000001 0021AA0407000321500100802502
 000002 0021AV0406100320800100801502
 000003 0021BE0507000400500100600902
 000004 0021CA0375001296200100400002
 000005 0021CH0507000400500101202302
 000006 0021DK0500000395000100701302
 000007 0021DP0500000395000001600002
 000008 0021FR0400000316000101202502
 000009 0021G80375000296200102007402
 000010 0021HX0400000316000102202702
 000011 0021IN0470000371300100600502
 000012 0021IT0406100320800101502102
 000013 0022AA0600000474000000800002
 000014 0022AV0450000355500100800202
 000015 0022BE0507000400500000600002
 000016 0022CA0460000363400100401002
 000017 0022CH0507000400500101200802
 000018 0022DK0600000474000000700002
 000019 0022DP0600000474000001600002
 000020 0022FR0507000400500101200802
 000021 0022G80507000400500102000302
 000022 0022HX0600000474000002200002
 000023 0022IN0600000474000000600002
 000024 0022IT0500700395500101501502
 000025 0035AA0700000442400000800002
 000026 0035AV0663000419000100800702
 000027 0035BE0507000320400000600002
 000028 0035CA0520000328600000400002
 000029 0035CH0507000320400101200802
 000030 0035DK0600000379200000700002
 000031 0035DP0600000379200001600002
 000032 0035FR0508000321000101201202
 000033 0035G80508000321000102001802
 000034 0035HX0550000347600002200002
 000035 0035IN0550000347600000600002
 000036 0035IT0507480320700101501002
 000037 0041AA0400000316000000800002
 000038 0041AV0380000300200100801002
 000039 0041BE0380000300200100601102
 000040 0041CA0400000316000000400002
 000041 0041CH0380000300200101201002
 000042 0041DK0380000300200100700802
 000043 0041DP0380001300200101600002
 000044 0041FR0380000300200101201502
 000045 0041G80380000300200102003502
 000046 0041HX0400000316000002200002
 000047 0041IN0400000316000000600002
 000048 0041IT0380610300600101500902
 000049 0042AA0380700300700100801802
 000050 0042AV0380000300200100802202
 000051 0042BE0380000300200100619302
 000052 0042CA0380700300700100401702

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000053 0042CH0380000300200101212302
000054 0042DK0380000300200100704002
000055 0042DP0400000316000101601202
000056 0042FR0380000300200101200002
000057 0042GB0380000300200102032002
000058 0042HX0400000316000102202202
000059 0042IN0400000316000100602202
000060 0042IT0380610300600101528702
000061 0043AA0380000300200100801602
000062 0043AV0300000237000100803402
000063 0043BE0380000300200100607202
000064 0043CA0380200300300100402002
000065 0043CH0380000300200101211502
000066 0043DK0380000300200100704402
000067 0043DP0380000300200101601202
000068 0043FR0380000300200101232602
000069 0043GB0380000300200102023902
000070 0043HX0380460300500102202202
000071 0043IN0380470300500100602202
000072 0043IT0380001300200101500002
000073 0046AA0380000300200100800802
000074 0046AV0380000300200100801502
000075 0046BE0380001300200100600002
000076 0046CA0400000316000100400702
000077 0046CH0380000300200101205202
000078 0046DK0380000300200100702202
000079 0046DP0380000300200101600902
000080 0046FR0380000300200101218502
000081 0046GB0380000300200102018502
000082 0046HX0450000355500102201002
000083 0046IN0450000355500100600602
000084 0046IT0380610300600101507302
000085 0054AA0450000355500000800002
000086 0054AV0380000300200100801502
000087 0054BE0380000300200100602202
000088 0054CA0380200300300100401402
000089 0054CH0380000300200101202202
000090 0054DK0380000300200100705402
000091 0054DP0380000300200101601102
000092 0054GB0380000300200102010802
000093 0054HX0450000355500002200002
000094 0054IN0400000316000100600702
000095 0054IT0380610300600101502702
000096 0054SW0380001300200100500002
000097 0064AA0400000316000000800002
000098 0064AV0380000300200100800902
000099 0064BE0380000300200100601002
000100 0064CA0308400243600100400602
000101 0064CH0380000300200101201702
000102 0064DK0380000300200100700802
000103 0064DP0380000300200101601802
000104 0064GB0380000300200102004802
000105 0064HX0450000355500002200002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000106 0064IN0400000316000100600502
 000107 00641T0380610300600101501202
 000108 0071AA0450001355500100800002
 000109 0071AV0600000474000100801102
 000110 0071BE0506000399700100600802
 000111 0071CA0506000399700100402502
 000112 0071CH0506000399700101201302
 000113 0071PK0507000400500100701302
 000114 00710P0600000474000001600002
 000115 0071FR0506000399700101201802
 000116 0071GB0450000355500102009402
 000117 0071HX0450000355500102203702
 000118 0071IN0600000474000100601102
 000119 0071IT0507180400600101501602
 000120 0072AA0380000400200100804202
 000121 0072AV0380000400200100801302
 000122 0072BE0380000400200100601902
 000123 0072CA0380700401000100401902
 000124 0072CH0380000400200101202802
 000125 0072DK0380740401000100701802
 000126 0072DP0400000421300001600002
 000127 0072FR0380610400900101204202
 000128 0072GB0380610400900102007902
 000129 0072HX0459150483600102207902
 000130 0072IN0380620400900100602102
 000131 0072IT0380610400900101503502
 000132 0072JP0150001158000102600802
 000133 0081AA0300000316000100801302
 000134 0081AV0300000316000100800802
 000135 0081BE0380000400200100600602
 000136 0081CA0380200400400100400502
 000137 0081CH0380000400200101201302
 000138 0081DK0380200400400100701202
 000139 0081DP0400000421300001600002
 000140 0081FR0380200400400101202202
 000141 0081GB0400000421300102007602
 000142 0081HX0300000316000102202902
 000143 0081IN0300001316000100600002
 000144 0081IT0300000316000101502002
 000145 0082AA0460000363400000800002
 000146 0082AV0450000355500100800102
 000147 0082BE0380000300200000600002
 000148 0082CA0600000474000000400002
 000149 0082CH0380000300200101200402
 000150 0082DK0600000474000000700002
 000151 0082DP0650000513500001600002
 000152 0082FR0507000400500101200402
 000153 0082GB0507000400500102001502
 000154 0082HX0459150362700102201202
 000155 0082IN0507200400600100600302
 000156 0082IT0380610300600101500802
 000157 0091AA0508000401300000800002
 000158 0091AV0450000355500100805502



*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000159 0091BE0507000400500000600002
 000160 0091CA0507000400500000400002
 000161 0091CH0507000400500101201702
 000162 0091DK0507000400500100701202
 000163 0091DP0600000474000001600002
 000164 0091FR0507200400600101201302
 000165 0091GB0450000355500102003602
 000166 0091HX0550000434500002200002
 000167 0091IN0600000474000100600502
 000168 0091IT0508000401300101500702
 000169 0095AA0600000474000000800002
 000170 0095AV0600000474000100800502
 000171 0095BE0507000400500100600902
 000172 0095CA0600000474000100400602
 000173 0095CH0507000400500101201602
 000174 0095DK0600000474000100700802
 000175 0095DP0620000489800001600002
 000176 0095FR0600000474000101202202
 000177 0095GB0507000400500102006802
 000178 0095HX0604000477100102201202
 000179 0095IN0620000489800000600002
 000180 0095IT0507480400900101501902
 000181 0601AA0380610300600100800602
 000182 0601AV0380000300200100800902
 000183 0601BE0380000300200100601602
 000184 0601CA0380700300700100400602
 000185 0601CH0380000300200101201902
 000186 0601DK0380200300300100701402
 000187 0601DP0380000300200101600402
 000188 0601FR0380000300200101202802
 000189 0601GB0380000300200102008202
 000190 0601HX0400000316000002200002
 000191 0601IN0380700300700100600202
 000192 0601IT0380610300600101504902
 000193 0604AA0450000355500000800002
 000194 0604AV0380000300200000800002
 000195 0604BE0380000300200000600002
 000196 0604CA0507000400500000400002
 000197 0604CH0380000300200001200002
 000198 0604DK0500000395000000700002
 000199 0604DP0550000434500001600002
 000200 0604FR0380000300200001200002
 000201 0604GB0380000300200002000002
 000202 0604HX0750000592500002200002
 000203 0604IN0600000474000000600002
 000204 0604IT0380610300600101500302
 000205 0704AA0600000474000000800002
 000206 0704AV0663000523700000800002
 000207 0704BE0507000400500000600002
 000208 0704CA0507000400500000402802
 000209 0704CH0507000400500001200002
 000210 0704DK0640000505600000700002
 000211 0704DP0650000513500001600002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000212 0704FR0662000522900001200002
000213 0704GB0620000489800002000002
000214 0704HX0700000553000002200002
000215 0704IN0700000553000000600002
000216 0704IT0702000554500001500002
000217 0780AAD450000474000000800002
000218 0780AVU380000400200000800002
000219 0780BED380000400200000600002
000220 0780CA0450000474000000400002
000221 0780CH0380000400200101200102
000222 0780DK0450000474000000700002
000223 0780DP0500000526600001600002
000224 0780FR0450000474000101200002
000225 0780GB0450000474000102000602
000226 0780HX0459150483600102200202
000227 0780IN0750000790000000600002
000228 0780IT0507480534500001500002
000229 0802AAD380000400200100804302
000230 0802AVU380000400200100801802
000231 0802BED380000400200100601002
000232 0802CAU380200400400100402302
000233 0802CH0559000588800101202002
000234 0802DK0380200400400100702002
000235 0802DP0400000421300001600002
000236 0802FR0380200400400101202302
000237 0802GB0400000421300102009402
000238 0802HX0300001316000102200002
000239 0802IN0380400400600100603302
000240 0802IT0380610400900101502302
000241 0980AAD600000474000000800002
000242 0980AVU450000355500000800002
000243 0980BED507000400500000600002
000244 0980CAU600000474000000400002
000245 0980CH0507000400500001200002
000246 0980DK0600000474000000700002
000247 0980DP0600000474000001600002
000248 0980FR0507200400600101200502
000249 0980GB0507200400600102003602
000250 0980HX0550000434500002200002
000251 0980IN0750000592500000600002
000252 0980IT0507480400900101501602
000253 0987AAD600000474000100800602
000254 0987AVU600000474000000800002
000255 0987BED507000400500000600002
000256 0987CAU600000474000000400002
000257 0987CH0507000400500101200402
000258 0987DK0602000475500000700002
000259 0987DP0602000475500001600002
000260 0987FR0600000474000101200502
000261 0987GB0600000474000102005102
000262 0987HX0602000475500002200002
000263 0987IN0605000477900100600502
000264 0987IT0507480400900101501202

END OF #FLCNV

แฟ้มข้อมูล TELEMAS

*** FILE CONVERTER
VOLUME NAME = DDDDD FILE NAME = TELEMAS

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000001 0021AA0407000321500100802502
000002 0021AV0406100320800100801502
000003 0021BE0507000400500100600902
000004 0021CA0375001296200100400002
000005 0021CH0507000400500101202302
000006 0021DK0500000395000100701302
000007 0021DP0500000395000001600002
000008 0021FR0400000316000101202502
000009 0021GB0375000296200102007402
000010 0021HX0400000316000102202702
000011 0021IN0470000371300100600502
000012 0021IT0406100320800101502102
000013 0022AA060000047400000800002
000014 0022AV0450000355500100800202
000015 0022BE0507000400500000600002
000016 0022CA0460000363400100401002
000017 0022CH0507000400500101200802
000018 0022DK060000047400000700002
000019 0022DP0600000474000001600002
000020 0022FR0507000400500101200802
000021 0022GB0507000400500102000302
000022 0022HX0600000474000002200002
000023 0022IN060000047400000600002
000024 0022IT0500700395500101501502
000025 0035AA0700000442400000800002
000026 0035AV0663000419000100800702
000027 0035BE0507000320400000600002
000028 0035CA0520000328600000400002
000029 0035CH0507000320400101200802
000030 0035DK060000037920000700002
000031 0035DP0600000379200001600002
000032 0035FR0508000321000101201202
000033 0035GB0508000321000102001802
000034 0035HX0550000347600002200002
000035 0035IN0550000347600000600002
000036 0035IT0507480320700101501002
000037 0041AA0400000316000000800002
000038 0041AV0380000300200100801002
000039 0041BE0380000300200100601102
000040 0041CA0400000316000000400002
000041 0041CH0380000300200101201002
000042 0041DK0380000300200100700802
000043 0041DP0380001300200101600002
000044 0041FR0380000300200101201502
000045 0041GB0380000300200102003502
000046 0041HX0400000316000002200002
000047 0041IN0400000316000000600002
000048 0041IT0380610300600101500902
000049 0042AA0380700300700100801802
000050 0042AV0380000300200100802202
000051 0042BE0380000300200100619302
000052 0042CA0380700300700100401702

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000053 0042CH0380000300200101212302
000054 0042DK0380000300200100704002
000055 0042DP0400000316000101601202
000056 0042FR0380001300200101200002
000057 0042GB0380000300200102032002
000058 0042HX0400000316000102202202
000059 0042IN0400000316000100602202
000060 0042IT0380610300600101528702
000061 0043AA0380000300200100801602
000062 0043AV0300000237000100803402
000063 0043BE0380000300200100607202
000064 0043CA0380200300300100402002
000065 0043CH0380000300200101211502
000066 0043DK0380000300200100704402
000067 0043DP0380000300200101601202
000068 0043FR0380000300200101232602
000069 0043GB0380000300200102023902
000070 0043HX0380460300500102202202
000071 0043IN0380470300500100602202
000072 0043IT0380001300200101500002
000073 0046AA0380000300200100800802
000074 0046AV0380000300200100801502
000075 0046BE0380001300200100600002
000076 0046CA0400000316000100400702
000077 0046CH0380000300200101205202
000078 0046DK0380000300200100702202
000079 0046DP0380000300200101600902
000080 0046FR0380000300200101218502
000081 0046GB0380000300200102018502
000082 0046HX0450000355500102201002
000083 0046IN0450000355500100600602
000084 0046IT0380610300600101507302
000085 0054AA0450000355500000800002
000086 0054AV0380000300200100801502
000087 0054BE0380000300200100602202
000088 0054CA0380200300300100401402
000089 0054CH0380000300200101202202
000090 0054DK0380000300200100705402
000091 0054DP0380000300200101601102
000092 0054GB0380000300200102010802
000093 0054HX0450000355500002200002
000094 0054IN0400000316000100600702
000095 0054IT0380610300600101502702
000096 0054SW0380001300200100500002
000097 0064AA0400000316000000800002
000098 0064AV0380000300200100800902
000099 0064BE0380000300200100601002
000100 0064CA0308400243600100400602
000101 0064CH0380000300200101201702
000102 0064DK0380000300200100700802
000103 0064DP0380000300200101601802
000104 0064GB0380000300200102004802
000105 0064HX0450000355500002200002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000106 00641N0400000316000100600502
000107 00641T0380610300600101501202
000108 0071AA0450001355500100800002
000109 0071AU0600000474000100801102
000110 0071BE0506000399700100600802
000111 0071CA0506000399700100402502
000112 0071CH0506000399700101201302
000113 00710K0507000400500100701302
000114 00710P0600000474000001600002
000115 0071FR0506000399700101201802
000116 0071GB0450000355500102009402
000117 0071HX0450000355500102203702
000118 0071IN0600000474000100601102
000119 00711T0507180400600101501602
000120 0072AA0380000400200100804202
000121 0072AU0380000400200100801302
000122 0072BE0380000400200100601902
000123 0072CA0380700401000100401902
000124 0072CH0380000400200101202802
000125 00720K0380740401000100701802
000126 00720P0400000421300001600002
000127 0072FR0380610400900101204202
000128 0072GB0380610400900102007902
000129 0072HX0459150483600102207902
000130 0072IN0380620400900100602102
000131 0072IT0380610400900101503502
000132 0072JP0150001158000102600802
000133 0081AA0300000316000100801302
000134 0081AU0300000316000100800802
000135 0081BE0380000400200100600602
000136 0081CA0380200400400100400502
000137 0081CH0380000400200101201302
000138 00810K0380200400400100701202
000139 00810P0400000421300001600002
000140 0081FR0380200400400101202202
000141 0081GB0400000421300102007602
000142 0081HX0300000316000102202902
000143 0081IN0300000316000100600002
000144 0081IT0300000316000101502002
000145 0082AA0460000363400000800002
000146 0082AU0450000355500100800102
000147 0082BE0380000300200000600002
000148 0082CA0600000474000000400002
000149 0082CH0380000300200101200402
000150 00820K0600000474000000700002
000151 00820P0650000513500001600002
000152 0082FR0507000400500101200402
000153 0082GB0507000400500102001502
000154 0082HX0459150362700102201202
000155 0082IN0507200400600100600302
000156 0082IT0380610300600101500802
000157 0091AA0450000401300000800002
000158 0091AU0450000355500100805502

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000159 0091BE05070004005000000600002
000160 0091CA05070004005000000400002
000161 0091CH0507000400500101201702
000162 0091DK0507000400500100701202
000163 0091DP0600000474000001600002
000164 0091FR0507200400600101201302
000165 0091GB0450000355500102003602
000166 0091HX0550000434500002200002
000167 0091IN0600000474000100600502
000168 0091IT0508000401300101500702
000169 0095AA0600000474000000800002
000170 0095AU0600000474000100800502
000171 0095BE0507000400500100600902
000172 0095CA0600000474000100400602
000173 0095CH0507000400500101201602
000174 0095DK0600000474000100700802
000175 0095DP0620000489800001600002
000176 0095FR0600000474000101202202
000177 0095GB0507000400500102006802
000178 0095HX0604000477100102201202
000179 0095IN0620000489800000600002
000180 0095IT0507480400900101501902
000181 0601AA0380610300600100800602
000182 0601AU0380000300200100800902
000183 0601BE0380000300200100601602
000184 0601CA0380700300700100400602
000185 0601CH0380000300200101201902
000186 0601DK0380200300300100701402
000187 0601DP0380000300200101600402
000188 0601FR0380000300200101202802
000189 0601GB0380000300200102008202
000190 0601HX0400000316000002200002
000191 0601IN0380700300700100600202
000192 0601IT0380610300600101504902
000193 0604AA0450000355500000800002
000194 0604AU0380000300200000800002
000195 0604BE0380000300200000600002
000196 0604CA05070004005000000400002
000197 0604CH0380000300200001200002
000198 0604DK0500000395000000700002
000199 0604DP0550000434500001600002
000200 0604FR0380000300200001200002
000201 0604GB0380000300200002000002
000202 0604HX0750000592500002200002
000203 0604IN0600000474000000600002
000204 0604IT0380610300600101500302
000205 0704AA0600000474000000800002
000206 0704AU0663000523700000800002
000207 0704BE05070004005000000600002
000208 0704CA05070004005000000402802
000209 0704CH0507000400500001200002
000210 0704DK0640000505600000700002
000211 0704DP0650000513500001600002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000212 0704FR0662000522900001200002
000213 0704GB0620000489800002000002
000214 0704HX0700000553000002200002
000215 0704IN070000055300000600002
000216 0704IT0702000554500001500002
000217 0780AA0450000474000000800002
000218 0780AV0380000400200000800002
000219 0780BE0380000400200000600002
000220 0780CA0450000474000000400002
000221 0780CH0380000400200101200102
000222 0780DK0450000474000000700002
000223 0780DP0500000526600001600002
000224 0780FR0450000474000101200002
000225 0780GB0450000474000102000602
000226 0780HX0459150483600102200202
000227 0780IN075000079000000600002
000228 0780IT0507480534500001500002
000229 0802AA0380000400200100804302
000230 0802AV0380000400200100801802
000231 0802BE0380000400200100601002
000232 0802CA0380200400400100402302
000233 0802CH0559000588800101202002
000234 0802DK0380200400400100702002
000235 0802DP0400000421300001600002
000236 0802FR0380200400400101202302
000237 0802GB0400000421300102009402
000238 0802HX0300001316000102200002
000239 0802IN0380400400600100603302
000240 0802IT0380610400900101502302
000241 0980AA0600000474000000800002
000242 0980AV0450000355500000800002
000243 0980BE0507000400500000600002
000244 0980CA0600000474000000400002
000245 0980CH0507000400500001200002
000246 0980DK0600000474000000700002
000247 0980DP0600000474000001600002
000248 0980FR0507200400600101200502
000249 0980GB0507200400600102003602
000250 0980HX0550000434500002200002
000251 0980IN0750000592500000600002
000252 0980IT0507480400900101501602
000253 0987AA0600000474000100800602
000254 0987AV0600000474000000800002
000255 0987BE0507000400500000600002
000256 0987CA0600000474000000400002
000257 0987CH0507000400500101200402
000258 0987DK0602000475500000700002
000259 0987DP0602000475500001600002
000260 0987FR0600000474000101200502
000261 0987GB0600000474000102005102
000262 0987HX0602000475500002200002
000263 0987IN0605000477900100600502
000264 0987IT0507480400900101501202

END OF #FLCNV



แฟ้มข้อมูล TAB-COMP

DEVICE = FDU000 VOLUME NAME = DDDDD0 FILE NAME = TAB-COMP

*** FILE CONVERTER *** DATE: 11/05/82
BLOCK SIZE = 0256

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000001 0021CA0375001296200100400002
000002 0021G80375000296200102007402
000003 0021HX0400000316000102202702
000004 0021FR0400000316000101202502
000005 0021IT0406100320800101502102
000006 0021AV0406100320800100801502
000007 0021AA0407000321500100802502
000008 0021IN0470000371300100600502
000009 0021DK0500000395000100701302
000010 0021DP050000039500001600002
000011 0021CH0507000400500101202302
000012 0021BE0507000400500100600902
000013 0022AV0450000355500100800202
000014 0022CA0460000363400100401002
000015 0022IT0500700395500101501502
000016 0022G80507000400500102000302
000017 0022FR0507000400500101200802
000018 0022CH0507000400500101200802
000019 0022BE0507000400500000600002
000020 0022HX0600000474000002200002
000021 0022DP0600000474000001600002
000022 0022AA0600000474000000800002
000023 0022DK0600000474000000700002
000024 0022IN0600000474000000600002
000025 0035CH0507000320400101200802
000026 0035BE0507000320400000600002
000027 0035IT0507480320700101501002
000028 0035G80508000321000102001802
000029 0035FR0508000321000101201202
000030 0035CA0520000328600000400002
000031 0035HX0550000347600002200002
000032 0035IN0550000347600000600002
000033 0035DP0600000379200001600002
000034 0035DK0600000379200000700002
000035 0035AV0663000419000100800702
000036 0035AA0700000442400000800002
000037 0041DP0380001300200101600002
000038 0041G80380000300200102003502
000039 0041FR0380000300200101201502
000040 0041CH0380000300200101201002
000041 0041AV0380000300200100801002
000042 0041DK0380000300200100700802
000043 0041BE0380000300200100601102
000044 0041IT0380610300600101500902
000045 0041HX0400000316000002200002
000046 0041AA0400000316000000800002
000047 0041IN0400000316000000600002
000048 0041CA0400000316000000400002
000049 0042FR0380001300200101200002
000050 0042G80380000300200102032002
000051 0042CH0380000300200101212302
000052 0042AV0380000300200100802202

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....

000053 0042DK0380000300200100704002
000054 0042BE0380000300200100619302
000055 0042IT0380610300600101528702
000056 0042AD0380700300700100801802
000057 0042CA0380700300700100401702
000058 0042HX0400000316000102202202
000059 0042DP0400000316000101601202
000060 0042IN0400000316000100602202
000061 0043IT0380001300200101500002
000062 0043AV0300000237000100803402
000063 0043GB0380000300200102023902
000064 0043DP0380000300200101601202
000065 0043FR0380000300200101232602
000066 0043CH0380000300200101211502
000067 0043AA0380000300200100801602
000068 0043DK0380000300200100704402
000069 0043BE0380000300200100607202
000070 0043CA0380200300300100402002
000071 0043HX0380460300500102202202
000072 0043IN0380470300500100602202
000073 0046BE0380001300200100600002
000074 0046GB0380000300200102018502
000075 0046DP0380000300200101600902
000076 0046FR0380000300200101218502
000077 0046CH0380000300200101205202
000078 0046AV0380000300200100801502
000079 0046AA0380000300200100800802
000080 0046DK0380000300200100702202
000081 0046IT0380610300600101507302
000082 0046CA0400000316000100400702
000083 0046HX0450000355500102201002
000084 0046IN0450000355500100600602
000085 0054SW0380001300200100500002
000086 0054GB0380000300200102010802
000087 0054DP0380000300200101601102
000088 0054CH0380000300200101202202
000089 0054AV0380000300200100801502
000090 0054DK0380000300200100705402
000091 0054BE0380000300200100602202
000092 0054CA0380200300300100401402
000093 0054IT0380610300600101502702
000094 0054IN0400000316000100600702
000095 0054HX0450000355500002200002
000096 0054AA0450000355500000800002
000097 0064CA0308400243600100400602
000098 0064GB0380000300200102004802
000099 0064DP0380000300200101601802
000100 0064CH0380000300200101201702
000101 0064AV0380000300200100800902
000102 0064DK0380000300200100700802
000103 0064BE0380000300200100601002
000104 0064IT0380610300600101501202
000105 0064IN0400000316000100600502

REV. 0426 *** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8

000106 0064AA0400000316000000800002
 000107 0064HX0450000355500002200002
 000108 0071AA0450001355500100800002
 000109 0071HX0450000355500102203702
 000110 0071GB0450000355500102009402
 000111 0071FR0506000399700101201802
 000112 0071CH0506000399700101201302
 000113 0071BE0506000399700100600802
 000114 0071CA0506000399700100402502
 000115 0071DK0507000400500100701302
 000116 0071IT0507180400600101501602
 000117 0071AU0600000474000100801102
 000118 0071IN0600000474000100601102
 000119 0071OP0600000474000001600002
 000120 0072JP0150001158000102600802
 000121 0072CH0380000400200101202802
 000122 0072AA0380000400200100804202
 000123 0072AU0380000400200100801302
 000124 0072BE0380000400200100601902
 000125 0072GB0380610400900102007902
 000126 0072IT0380610400900101503502
 000127 0072FR0380610400900101204202
 000128 0072IN0380620400900100602102
 000129 0072DK0380740401000100701802
 000130 0072CA0380700401000100401902
 000131 0072OP0400000421300001600002
 000132 0072HX0459150483600102207902
 000133 0081IN0300001316000100600002
 000134 0081HX0300000316000102202902
 000135 0081IT0300000316000101502002
 000136 0081AA0300000316000100801302
 000137 0081AU0300000316000100800802
 000138 0081CH0380000400200101201302
 000139 0081BE0380000400200100600602
 000140 0081FR0380200400400101202702
 000141 0081DK0380200400400100701202
 000142 0081CA0380200400400100400502
 000143 0081GB0400000421300102007602
 000144 0081OP0400000421300001600002
 000145 0082CH0380000300200101200402
 000146 0082BE0380000300200000600002
 000147 0082IT0380610300600101500802
 000148 0082AU0450000355500100800102
 000149 0082HX0459150362700102201202
 000150 0082AA0460000363400000800002
 000151 0082GB0507000400500102001502
 000152 0082FR0507000400500101200402
 000153 0082IN0507200400600100600302
 000154 0082DK0600000474000000700002
 000155 0082CA0600000474000000400002
 000156 0082OP0650000513500001600002
 000157 0091GB0450000355500102003602
 000158 0091AU0450000355500100805502

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8

000159 0091CH0507000400500101201702
 000160 0091DK0507000400500100701202
 000161 0091BE0507000400500000600002
 000162 0091CA0507000400500000400002
 000163 0091FR0507200400600101201302
 000164 0091IT0508000401300101500702
 000165 0091AA0508000401300000800002
 000166 0091HX0508000434500002200002
 000167 0091IN0600000474000100600502
 000168 0091DP0600000474000001600002
 000169 0095GB0507000400500102006802
 000170 0095CH0507000400500101201602
 000171 0095BE0507000400500100600902
 000172 0095IT0507480400900101501902
 000173 0095FR0600000474000101202202
 000174 0095AU0600000474000100800502
 000175 0095DK0600000474000100700802
 000176 0095CA0600000474000100400602
 000177 0095AA0600000474000000800002
 000178 0095HX0604000477100102201202
 000179 0095DP0620000489800001600002
 000180 0095IN0620000489800000600002
 000181 0601GB0380000300200102008202
 000182 0601DP0380000300200101600402
 000183 0601FR0380000300200101202802
 000184 0601CH0380000300200101201902
 000185 0601AU0380000300200100800902
 000186 0601BE0380000300200100601602
 000187 0601DK0380200300300100701402
 000188 0601IT0380610300600101504902
 000189 0601AA0380610300600100800602
 000190 0601IN0380700300700100600202
 000191 0601CA0380700300700100400602
 000192 0601HX0400000316000002200002
 000193 0604GB0380000300200002000002
 000194 0604FR0380000300200001200002
 000195 0604CH0380000300200001200002
 000196 0604AU0380000300200000800002
 000197 0604BE0380000300200000600002
 000198 0604IT0380610300600101500302
 000199 0604AA0450000355500000800002
 000200 0604DK0500000395000000700002
 000201 0604CA05070004005000000400002
 000202 0604DP0500000434500001600002
 000203 0604IN0600000474000000600002
 000204 0604HX0750000572500002200002
 000205 0704CH0507000400500001200002
 000206 0704BE0507000400500000600002
 000207 0704CA0507000400500000402802
 000208 0704AA0600000474000000800002
 000209 0704GB0620000489800002000002
 000210 0704DK0640000505600000700002
 000211 0704DP0650000513500001600002

*** FILE CONVERTER

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000212 0704FR0662000522900001200002
000213 0704AU0663000523700000800002
000214 0704HX0700000553000002200002
000215 0704IN0700000553000000600002
000216 0704IT0702000554500001500002
000217 0780CH0380000400200101200102
000218 0780AV0380000400200000800002
000219 0780BE0380000400200000600002
000220 0780GB0450000474000102000602
000221 0780FR0450000474000101200002
000222 0780AA0450000474000000800002
000223 0780DK0450000474000000700002
000224 0780CA0450000474000000400002
000225 0780HX0459150483600102200202
000226 0780PP0500000526600001600002
000227 0780IT0507480534500001500002
000228 0780IN0750000790000000600002
000229 0802HX0300001316000102200002
000230 0802AA0380000400200100804302
000231 0802AV0380000400200100601002
000232 0802BE0380000400200100601002
000233 0802FR0380200400400101202302
000234 0802DK0380200400400100702002
000235 0802CA0380200400400100402302
000236 0802IN0380400400600100603302
000237 0802IT0380610400900101502302
000238 0802GB0400000421300102009402
000239 0802PP0400000421300001600002
000240 0802CH0559000588800101202002
000241 0980AV0450000355500000800002
000242 0980CH0507000400500001200002
000243 0980BE0507000400500000600002
000244 0980GR0507200400600102003602
000245 0980FR0507200400600101200502
000246 0980IT0507480400900101501602
000247 0980HX0550000434500002200002
000248 0980PP0600000474000001600002
000249 0980AA0600000474000000800002
000250 0980DK0600000474000000700002
000251 0980CA0600000474000000400002
000252 0980IN0750000592500000600002
000253 0987CH0507000400500101200402
000254 0987BE0507000400500000600002
000255 0987IT0507480400900101501202
000256 0987GB0600000474000102005102
000257 0987FR0600000474000101200502
000258 0987AA0600000474000100800602
000259 0987AV0600000474000000800002
000260 0987CA0600000474000000400002
000261 0987HX0602000475500002200002
000262 0987PP0602000475500001600002
000263 0987DK0602000475500000700002
000264 0987IN0605000477900100600502

END OF #FLCNV

แฟ้มข้อมูล TAB-FILE

VOLUME NAME = *** FILE CONVERTER
FILE NAME = TAB-FILE

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

- 000001 C0123050000005*
- 000002 C0207900000006FS
- 000003 L110000153000000001
- 000004 L1100013010000153002
- 000005 L1100032850001301003
- 000006 L1100057150003285004
- 000007 L1100084600005715005
- 000008 L1100113850008460006
- 000009 L1100145350011385007
- 000010 L1100177750014535008
- 000011 L1100211500017775009
- 000012 L1100246150021150010
- 000013 L1100281250024615011
- 000014 L1100317250028125012
- 000015 L1100353700031725013
- 000016 L1100390600035370014
- 000017 L1100427950039060015
- 000018 L1100465300042795016
- 000019 L1100503100046530017
- 000020 L1100541800050310018
- 000021 L1100580050054180019
- 000022 L1100618750058005020
- 000023 L1100657900061875021
- 000024 L1100697500065790022
- 000025 L1100737100069750023
- 000026 L1100777150073710124
- 000027 L120000204000000001
- 000028 L1200017340000204002
- 000029 L1200043800001734003
- 000030 L1200076200004380004
- 000031 L1200112800007620005
- 000032 L1200151800011280006
- 000033 L1200193800015180007
- 000034 L1200237000019380008
- 000035 L1200282000023700009
- 000036 L1200328200028200010
- 000037 L1200375000032820011
- 000038 L1200423000037500012
- 000039 L1200471600042300013
- 000040 L1200520800047160014
- 000041 L1200570800052080015
- 000042 L1200620400057080016
- 000043 L1200670800062040017
- 000044 L1200722400067080018
- 000045 L1200773400072240019
- 000046 L1200825000077340020
- 000047 L1200877200082500021
- 000048 L1200930000087720022
- 000049 L1200982800093000023
- 000050 L1201036200098280124
- 000051 L210000090000000001
- 000052 L21000099000000090002

*** FILE CONVERTER

*** DATE: 11/05/82

REC-NO1.....2.....3.....4.....5.....6.....7.....8.....

000053 L2100026550000990003
000054 L2100048150002655004
000055 L2100073350004815005
000056 L2100100350007335006
000057 L2100129150010035007
000058 L2100160200012915008
000059 L2100196700016020009
000060 L2100224100019670010
000061 L2100257400022410011
000062 L2100291600025740012
000063 L2100326250029160013
000064 L2100361800032625014
000065 L2100397350036180015
000066 L2100433350039735016
000067 L2100469800043335017
000068 L2100506250046980018
000069 L2100543150050625019
000070 L2100580950054315020
000071 L2100618750058095021
000072 L2100657000061875022
000073 L2100695700065700023
000074 L2100733950069570124
000075 L2200001200000000001
000076 L2200013200000120002
000077 L2200035400001320003
000078 L2200064200003540004
000079 L2200097800006420005
000080 L2200133800009780006
000081 L2200172200013380007
000082 L2200213600017220008
000083 L2200255600021360009
000084 L2200298800025560010
000085 L2200343200029880011
000086 L2200388800034320012
000087 L2200435000038880013
000088 L2200482400043500014
000089 L2200529800048240015
000090 L2200577800052980016
000091 L2200626400057780017
000092 L2200675000062640018
000093 L2200724200067500019
000094 L2200779600072420020
000095 L2200825000077960021
000096 L2200876000082500022
000097 L2200927000087600023
000098 L2200928600092700124
000099 S 11

END OF #FLCNV

แฟ้มข้อมูล

STAT-FILE2

REL. 4.23 #FLCMV REV. 0426 *** FILE CONVERTER *** ISD=DUMP ***
DEVICE = MSDG03 VOLUME NAME = TMI00, FILE NAME = STAT-FILE2

REC-NO1.....2.....3.....4.....5.....6.....

000001	0071	10020864
000002	0046	10017675
000003	0021	10004564
000004	0091	00008243
000005	0704	00012011
000006	0802	10062648
000007	0043	10055432
000008	0927	00001154
000009	0041	10049856
000010	0064	00003987
000011	0601	00005520
000012	0604	00015642
000013	0082	00003650
000014	0072	10073960
000015	0780	00001467
000016	0095	00022761
000017	0022	00001039
000018	0042	10023842
000019	0054	10012467
000020	0031	10012520
000021	0920	00000954
000022	0035	00000875

END OF #FLCMV

แฟ้มข้อมูล DEST-FILE ที่ได้จาก update ภายหลังจากทำโปรแกรม Routing Plan Report

#FLCNV REV. 0426 *** FILE CONVERTER
VOLUME NAME = FILE NAME = DEST-FILE

REC-NO	1	2	3	4	5	6	7	8
000001	0021	CA0100	CANADA			1296200000	04564000000000	
000002	0022	AU0100	MEXICO			0355500000	10090000000000	
000003	0035	CH0125	COLUMBIA			0320400000	08750000000000	
000004	0041	DP0100	WEST GERMANY			1300200000	49856000000000	
000005	0042	FR0100	FRANCE			1300200000	02864200000000	
000006	0043	IT0100	ITALY			1300200000	05543200000000	
000007	0046	BE0100	BELGIUM			1300200000	17675000000000	
000008	0054	SW0100	SWEDEN			1300200000	12187000000000	
000009	0064	CA0100	USSR			0243600000	39870000000000	
000010	0071	AA0100	AUSTRALIA			1355500000	20864000000000	
000011	0072	JP0075	JAPAN			1158000000	78960000000000	
000012	0081	IN0075	INDIA			1316000000	12520000000000	
000013	0082	CH0100	PAKISTAN			0300200000	36500000000000	
000014	0091	GB0100	EGYPT			0355500000	08243000000000	
000015	0095	GB0100	SOUTH AFRICA			0400500000	22761000000000	
000016	0601	GB0100	GREECE			0300200000	05520000000000	
000017	0604	GB0100	ALBANIA			0300200000	15642000000000	
000018	0704	CH0100	HAWAII			0400500000	12911000000000	
000019	0780	CH0075	BANGALADESH			0400200000	14670000000000	
000020	0802	HX0075	HONGKONG			1316000000	06264800000000	
000021	0980	AU0100	ETHIOPIA			0355500000	00954000000000	
000022	0987	CH0100	KENYA			0400500000	11540000000000	

END OF #FLCNV





ประวัติผู้เขียน

นางสาวบุษบา ดวงทอง เกิดวันที่ ๓๐ เดือนธันวาคม พุทธศักราช ๒๕๔๖
ที่จังหวัดเชียงใหม่ สำเร็จการศึกษาระดับปริญญาตรี สาขาไฟฟ้า จากคณะวิศวกรรมศาสตร์
มหาวิทยาลัยเกษตรศาสตร์ ในปีพุทธศักราช ๒๕๖๔ ปัจจุบันทำงานในตำแหน่งนายช่าง ๒ ประจำกอง
เครื่องวัดและสื่อสาร ฝ่ายไฟฟ้าและเครื่องกล การประปานครหลวง